Title (en)
  PROCESS FOR PRODUCING OLIGOMERS AND APPARATUS FOR PRODUCING OLIGOMERS

Title (de)
  VERFAHREN ZUR HERSTELLUNG VON OLIGOMEREN UND VORRICHTUNG ZUR HERSTELLUNG VON OLIGOMEREN

Title (fr)
  PROCÉDÉ DE PRODUCTION D'OLIGOMÈRES ET APPAREIL DE PRODUCTION D'OLIGOMÈRES

Publication
  EP 3984985 A1 20220420 (EN)

Application
  EP 20854726 A 20200807

Priority
  • KR 20190102503 A 20190821
  • KR 2020010469 W 20200807

Abstract (en)
  Provided are a method for preparing an oligomer including: supplying a feed stream including a monomer to a reactor and performing an
  oligomerization reaction; supplying a first discharge stream from the reactor to a first separation device and supplying a second discharge stream
  from the reactor to a second separation device; recovering the monomer in the second separation device as an upper discharge stream; supplying
  the upper discharge stream including the monomer from the second separation device to a monomer dissolution device to dissolve the upper
  discharge stream in a solvent supplied to the monomer dissolution device; and supplying a discharge stream from the monomer dissolution device
  to the reactor, and an apparatus for preparing oligomer.

IPC 8 full level
  C07C 2/06 (2006.01); **C07C 7/00** (2006.01); **C07C 11/02** (2006.01); **C07C 11/107** (2006.01)

CPC (source: EP KR US)
  B01D 3/143 (2013.01 - US); **B01D 3/145** (2013.01 - EP); **B01J 19/24** (2013.01 - US); **C07C 2/06** (2013.01 - EP KR US);
  C07C 7/00 (2013.01 - EP); **C07C 7/005** (2013.01 - KR US); **C07C 7/04** (2013.01 - EP); **C07C 11/02** (2013.01 - KR); **C07C 11/107** (2013.01 - KR);
  B01J 2219/00042 (2013.01 - US); Y02P 20/582 (2015.11 - KR)

C-Set (source: EP)
  1. **C07C 7/00** + **C07C 11/04**
  2. **C07C 7/04** + **C07C 11/04**
  3. **C07C 2/06** + **C07C 11/02**
  4. **C07C 2/06** + **C07C 11/107**

Designated contracting state (EPC)
  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
  BA ME

DOCDB simple family (publication)
  US 11332418 B2 20220517; **US 2021395165 A1 20211223**; EP 3984985 A1 20220420; EP 3984985 A4 20220601; EP 3984985 B1 20241002;
  JP 2022508638 A 20220119; JP 7150386 B2 20221011; KR 102585400 B1 20231005; KR 20210022994 A 20210304;
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